

## A SELECTIVE CLOAKING CIRCUIT FOR USE IN A RADIOFREQUENCY IDENTIFICATION AND METHOD OF CLOAKING RFID TAGS

### Abstract of the Disclosure

5        The output to the antenna of an RFID tag or label is disconnected from the  
balance of the RFID chip by means of a series switch activated in response to a logic  
command, CLOAK, generated by the RFID chip. Activation of the switch disconnects  
the output to the antenna of the RFID tag without disconnecting its input. The output to  
the antenna is thus disconnected for a time sufficient to allow the remaining RFID tags  
10    in an RF interrogation field to be identified. However, the input of the antenna remains  
connected and is capable of receiving at any time, including during the cloaking period  
commands which can lift the tag out of cloaking and allow it to then selectively output its  
signal.